

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: **Yoshihiro MIYAKE**

Application Number: **Not yet assigned**  
**(§371 of international application No. PCT/JP2005/001429)**

Filed: **August 8, 2006**

For: **NONLINEAR CONTROLLER AND NONLINEAR CONTROL  
METHOD**

Attorney Docket Number: **062744**  
Customer Number: **38834**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

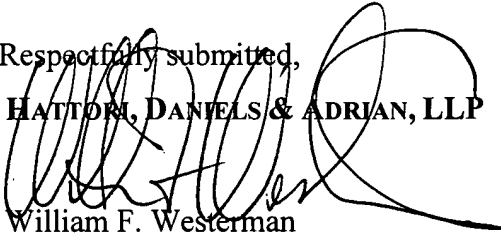
August 8, 2006

Sir:

In compliance with 37 C.F.R. §1.56, Applicant directs the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. A copy of each non- U.S. document is enclosed herewith as well as an International Search Report mailed May 17, 2005.

If there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,  
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WFW/mc  
Enclosure: PTO/SB/08, Documents (7) & Int'l Search Report

10/588770

IAP11 Rec'd PCT/PTO 08 AUG 2006

<b>Combined Form PTO/SB/08A&amp;B</b>  <b><u>INFORMATION DISCLOSURE</u></b> <b><u>STATEMENT BY APPLICANT</u></b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	Not yet assigned
				Confirmation Number	
				Filing Date	August 8, 2006
				First Named Inventor	Yoshihiro MIYAKE
				Art Unit	
Examiner Name					
Sheet	1	of	1	Attorney Docket Number	062744

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	1	JP	2004-73649	A	3/11/2004	Honda Motor Co Ltd	Abstract; Cited in ISR
	2	JP	2005-74156	A	3/24/2005	Mitsubishi Electric Corp et al	Abstract; Cited in ISR
	3	JP	2005-96068	A	4/14/2005	Sony Corp. et al.	Abstract; Cited in ISR
	4	JP	2000-349920	A	12/15/2000	Interrobot Inc	Abstract; Cited in specification

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
	5	TAKESHI MUTO et al., "Analysis of Co-emergence Process on the Human-Robot Cooperation for Walk-support", The Society of Instrument and Control Engineers Ronbunshu, Vol. 38, No. 3, pp. 316-323, 2002	Abstract; Cited in ISR
	6	GEN AOYAMA et al., "Walking Pattern Generation based on the Interaction of Phase Oscillators and Dynamical Models", The Institute of Electronics, Information and Communication Engineers, Vol. 101, No. 735, pp. 175-182, 2002	Abstract; Cited in ISR
	7	GENTARO TAGA, "Search for Design Principle of Biological System", SAIENSU-SHA. Co. Ltd., Mathematical Science No. 394, pp. 5-13, 1996	No; Cited in specification
	8	International Search Report mailed May 17, 2005 of International Application PCT/JP2005/001429	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.